

Abstract

A textile is disclosed having regions of color contrast and corresponding regions of sculptured three-dimensional surface geometry. Furthermore, one or more methods of making such a textile also are disclosed. The textile includes a first side having first regions and second regions in a predetermined pattern. The first and second regions differ in color shade values due to the etching of the textile, which has the effect of degrading or dissolving fiber material from the second regions, thereby providing a three dimensional sculpted geometry and a color contrast between etched and non-etched areas. Screen printing is applied using an extremely strong acidic or alkali composition paste upon the textile, followed by heating. Then, a washing step and a drying step results in a product having a color shade difference between etched areas and non-etched areas having differing ΔL^* color shade values using $L^*a^*b^*$ color space measurement techniques.